IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5649-1263

DATE: March 30, 2004

UTILITY PATENT APPLICATION TRANSMITTAL LETTER AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))

Mail Stop PATENT APPLICATION Commissioner for Patents

P.O. Box 1450	
Alexandria, VA	22313-1450
G.	

Sir:
Transmitted herewith for filing under 37 CFR § 1.53(b) is: a patent application a Continuation a Divisional a Continuation-in-Part (CIP) Application of prior application no.: ; filed, the disclosure of which is incorporated herein by reference in its entirety. and claims the benefit of Provisional Application No; filed
Inventor(s) or Application Identifier: Jung-Hun Seo Gil-Heyun Choi Jong-Myeong Lee Hee-Sook Park
Entitled: METAL DEPOSITION APPARATUS USED IN FABRICATION OF SEMICONDUCTOR DEVICES AND METHODS OF FORMING METAL LAYERS USING THE SAME Myers Bigel Sibley & Sajovec, P.A. P. O. Box 37428 Raleigh, North Carolina 27627 Telephone: (919) 854-1400 Facsimile: (919) 854-1401 Customer No. 20792
P. O. Box 37428 Raleigh, North Carolina 27627 Telephone: (919) 854-1400 Facsimile: (919) 854-1401

Enclosed are:

- Application Transmittal Letter and Fee Transmittal Form (A duplicate is enclosed for fee processing)
- 2. A pages of Specification (including 30 claims)
- 5 sheets of Formal Drawings (35 USC 113)
- Oath or Declaration
 - a. mewly executed (original or copy)

		b. copy from prior application (37 CFR 1.63(d) (for continuation/divisional) [Note Box 6 Below]
_		c. DELETION OF INVENTOR(S) (Signed statement deleting inventor(s) named in the prior application)
5. [Application Data Sheet. See 37 CFR 1.76
6. [Incorporation By Reference (useable if box 4b is checked)
		The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
		Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated
	_	by reference therein.
7. L	_	Microfiche Computer Program (Appendix)
8.	\boxtimes	Assignment papers (cover sheet(s) and document(s))
9. [Applicant claims small entity status. See 37 CFR § 1.27.
10. [\boxtimes	Information Disclosure Statement, PTO-1449, and3 references cited
11. [Preliminary Amendment (Please enter all claim amendments prior to calculating the filing fee.)
12. [English Translation Document
13.	\boxtimes	Certified Copy of Korean Application No. 2003-45786; Filed July 7, 2003
14. [Sequence Listing / Sequence Listing Diskette
a	ì.	computer readable copy
ł	٥.	paper copy
	<u>. </u>	statement in support
15.		An Associate Power of Attorney
16.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17 [Deletion of Inventors(s) (Signed statement attached deleting inventor(s) name in the prior application. See 37 CFR 1.63(d)(2) and 1.33(b).
18.		Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form.
19. [Other:
The	fee	e has been calculated as shown below:

	Column 1	Column 2	Small Entity		Large Entity	
	No. Filed	No. Extra	Rate	Fee	Rate	Fee
BASIC FEE			\$385.00		\$ 770.00	
TOTAL CLAIMS	30 - 20 =	10	x 09 = \$		x 18 =	\$180.00
INDEP CLAIMS	3 - 3 =	0	x 43 = \$		x 86 =	\$
MULTIPLE Dependent Claims Presented			+ 145 = \$		+ 290 = \$	
If the difference in Col. 1 is	Total \$		Total	\$950.00		

ij the difference in Col. 1 is less than zero, Enter 0 in Co	1. 2 Total \$	Total \$950.00
	filing fee is enclosed.	
A check in the amount of \$990.00 is enclosed	to cover the filing fee, l	PLUS the Assignment
Recordation fee (\$40.00).		_
Please charge my Deposit Account No. 50-02	20 in the amount of \$	
The Commissioner is hereby authorized to crea	dit overpayments or cha	rge the following fees
associated with this communication to Deposi	it Account No. 50-0220:	
a. Additional filing fees under 37 CFR 1.1	6 for presentation of ext	tra claims.
b. Additional patent application processing	g fees under 37 CFR 1.1	7.

Respectfully submitted,

Laura M. Kelley Registration No. 48,441

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 381442432 US

Date of Deposit: March 30, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION,

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Carey Gregory